

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a multi-layer expansion-molded article of a polypropylene resin, which is obtained by molding a multi-layer parison comprising a foamed resin layer and a resin layer provided on the outer side of the foamed resin layer in a mold in such manner that at least part of the opposed inner surfaces of foamed resin layer in the parison are fusion-bonded to each other, and has a polypropylene resin layer on the surface of a foamed polypropylene resin layer, wherein a melt tension, MT (gf) and a melt flow rate, MFR (g/10 min) obtained by measurement to a polypropylene resin forming the foamed resin layer in the expansion-molded article satisfy the following relationship (1), and a melt tension, MT (gf) and a melt flow rate, MFR (g/10 min) obtained by measurement to a polypropylene resin forming the resin layer on the surface of the foamed resin layer satisfy the following relationship (2) when the melt flow rate, MFR is at least 0.3 (g/10 min), or the melt tension, MT is at least 10 (gf) when the melt flow rate, MFR is not lower than 0.2 (g/10 min), but lower than 0.3 (g/10 min):

$$\log MT > -0.74 \log MFR + 0.66 \quad (1)$$

$$\log MT > -1.02 \log MFR + 0.47 \quad (2)$$